CLAIMS

Please cancel claims 1-10, 13-18, 26, 28-30, 35-43, and 46-49 without prejudice or disclaimer as to the subject matter thereof.

1.-10. (canceled)

11. (currently amended) ~~The method of claim 10,~~ A method comprising:
providing cardiac resynchronization to a heart in response to a first sensed event; and
refraining from providing cardiac resynchronization to the heart in response to a second sensed event further comprising:
receiving a ratio of X:Y; and
performing cardiac resynchronization X times for every Y sensed cardiac events.

12. (Original) The method of claim 11, further comprising:
receiving a second ratio of X2:Y2; and
performing cardiac resynchronization X2 times for every Y2 sensed cardiac events.

13.-18 (canceled)

19. (currently amended) ~~The method of claim 15~~A method comprising:
sensing an atrial event;
determining whether a bi-ventricular pace is indicated; and
delivering a bi-ventricular pace after the atrial event when the bi-ventricular pace is indicated and further comprising receiving a ratio of X:Y, wherein the bi-ventricular pace is indicated X times for every Y sensed atrial events.

20. (currently amended) ~~The method of claim 15,~~ A method comprising:
sensing an atrial event;
determining whether a bi-ventricular pace is indicated; and
delivering a bi-ventricular pace after the atrial event when the bi-ventricular pace is indicated and further comprising receiving a time period, wherein the bi-ventricular pace is indicated for atrial events occurring in the time period.

21. (Original) A method comprising:
receiving a ratio of X:Y;
sensing a cardiac event; and
applying a synchronized cardiac pace in response to the cardiac event,
wherein X represents a number of synchronized cardiac paces,
wherein Y represents a number of sensed cardiac events, and
wherein X is less than Y.

22. (Original) The method of claim 21, further comprising performing cardiac resynchronization X times for every Y sensed cardiac events, wherein performing cardiac resynchronization comprises:
delivering a first pace to a first chamber of a heart; and
delivering a second pace to a second chamber of the heart synchronized with the first pace.

23. (Original) The method of claim 21, further comprising
receiving a second ratio of X2:Y2, wherein the second ratio X2:Y2 is different from the ratio X:Y; and
performing cardiac resynchronization X2 times for every Y2 sensed cardiac events, wherein performing cardiac resynchronization comprises:
delivering a first pace to a first chamber of a heart; and

delivering a second pace to a second chamber of the heart synchronized with the first pace.

24. (Original) The method of claim 21, wherein sensing a cardiac event comprises sensing an atrial event.

25. (Original) The method of claim 21, wherein synchronized cardiac paces comprises bi-ventricular paces.

27. (currently amended) ~~The device of claim 26,~~ A device comprising:

a pacing circuit that applies cardiac resynchronization to a heart; and

a processor that controls the pacing circuit to apply the cardiac resynchronization during a first period and refrain from applying the cardiac resynchronization during a second time period and further comprising memory that stores the duration of the first period.

28.-30 (canceled)

31. (Original) A device comprising:

a pacing circuit that applies a synchronized cardiac pace to a heart;

a processor that senses a cardiac event and controls the pacing circuit to apply the synchronized cardiac pace in response to the cardiac event; and

memory that stores a ratio X:Y,

wherein X represents a number of synchronized cardiac paces,

wherein Y represents a number of sensed cardiac events, and

wherein X is less than Y.

32. (Original) The device of claim 31, wherein the processor controls the pacing circuit to apply the synchronized cardiac pace X times for every Y cardiac events.

33. (Original) The device of claim 31, further comprising:

a first pacing electrode disposed proximal to a first chamber of a heart; and

a second pacing electrode disposed proximal to a second chamber of the heart;

wherein the processor controls the pacing circuit to apply the synchronized cardiac pace via the first pacing electrode and the second pacing electrode.

34. (Original) The device of claim 31, further comprising a sensing electrode disposed proximal to the heart, wherein the processor senses the cardiac event via the sensing electrode.

35.-43. (canceled)

44. (currently amended) ~~The medium of claim 43,~~ A computer-readable medium containing instructions, the instructions causing a programmable processor to:

provide cardiac resynchronization to a heart in response to a first sensed event; and

refrain from providing cardiac resynchronization to the heart in response to a second sensed event wherein the instructions further causing a programmable processor to:

receive a ratio of X:Y; and

perform cardiac resynchronization X times for every Y sensed cardiac events.

45. (Original) The medium of claim 44, the instructions further causing a programmable processor to:

receive a second ratio of X2:Y2; and

perform cardiac resynchronization X2 times for every Y2 sensed cardiac events.

46.-49. (canceled)